

FILE NOTATIONS

Entered in NID File

Entered on R.R. Sheet

Location Map Placed

Card Indexed

I.W.R. by State of Fee Land

Checked by Chief

Copy NID to Field Office

Approved by

Approved by

DATE

Date Well Completed 11-19-60

Location Identified

CW _____ WW _____ TA _____

Bored Hole

GW _____ CS _____ PA _____

State of Fee Land

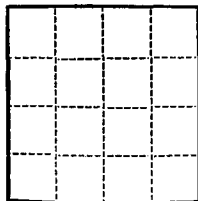
LOGS FILED

Driller's Log 12-5-60

Electric Logs (No.) 3

E 1-E ✓ E-I _____ GR _____ GR-N ✓ Micro ✓

Lat. _____ Mi-L _____ Sonic _____ Others _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

Lease No.

Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 11, 1957

Federal-Miller
Well No. 1 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 8

NE 1/4 (Sec. and Sec. No.) 38S (Twp.) 22E (Range) 35W (Meridian)

Wildcat (Field) San Juan County (County) Utah (State or Territory)

The elevation of the ~~ground~~ ~~surface~~ above sea level is 5435 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Continental Oil Co. proposes to drill a well at the above location to an approximate depth of 6500' to test the oil and gas possibilities of the Pennsylvanian strata to the top of the Paradox Salt. Tentative plans are to set a long surface string of from 1200'-1500' of 10 3/4" Csg, depending on trouble encountered in the Jurassic sand section. If commercial shows are encountered a 5 1/2" production string will be set. Spud date is estimated as 11-28-57.


I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

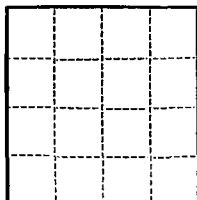
Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By 
Title Division Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

Lease No.

Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 11, 1957

Federal-Miller

Well No. 1 is located 660 ft. from $\left\{ \begin{smallmatrix} N \\ 6 \end{smallmatrix} \right\}$ line and 660 ft. from $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ line of sec. 8

~~NE NE 1/4~~

(1/4 Sec. and Sec. No.)

38S

(Twp.)

22E

(Range)

S1E6M

(Meridian)

Wildcat

(Field)

San Juan County

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Continental Oil Co. proposes to drill a well at the above location to an approximate depth of 6500' to test the oil and gas possibilities of the Pennsylvanian strata to the top of the Paradox Salt. Tentative plans are to set a long surface string of from 1200'-1500' of 10 3/4" Casg. depending on trouble encountered in the Jurassic sand section. If commercial shows are encountered a 5 1/2" production string will be set. Spud date is estimated as 11-28-57.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By

L. W. Hermy
Title Division Geologist

Company CONTINENTAL OIL CO.

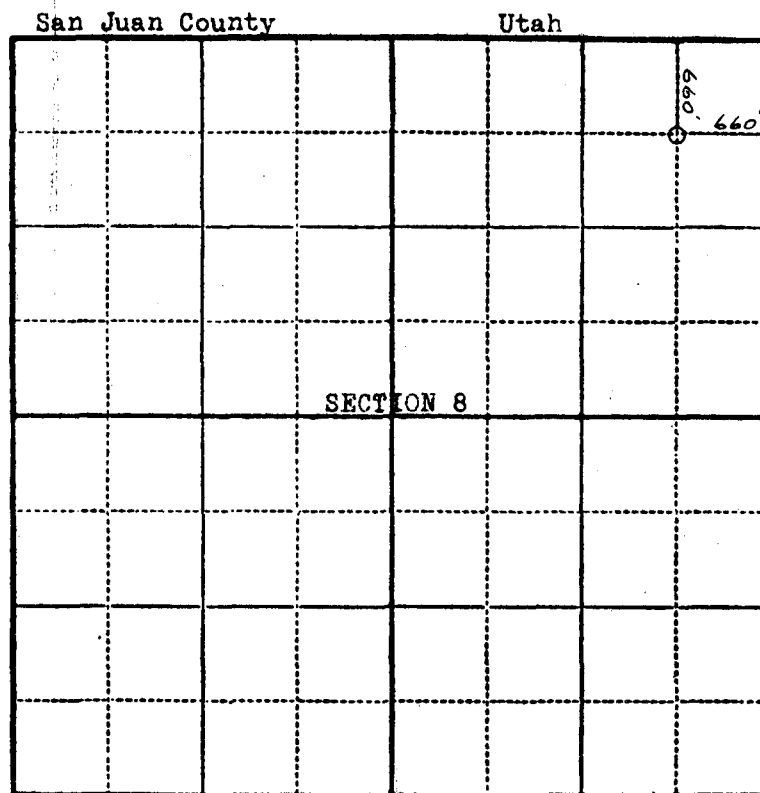
Lease Federal-Miller

Well No. 1

Sec. 8 T. 38 S R. 22 E S.L.P.M.

Location 660 feet from north line; 660 feet from
east line; being in C NE $\frac{1}{4}$ NE $\frac{1}{4}$

Elevation: 5485 GL



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Stephen H. Kinney
STEPHEN H. KINNEY
Registered Professional
Engineer and Land Surveyor

Surveyed November 8, 19 57

November 13, 1957

Continental Oil Company
P. O. Box 1121
Durango, Colorado

Attention: L. W. Heiny, Division Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal-Miller 1, which is to be located 660 feet from the north line and 660 feet from the east line of Section 8, Township 38 South, Range 22 East, SLRM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

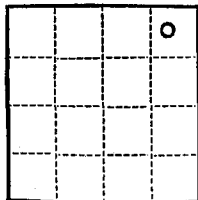
OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

cc: Phil McGrath
USGS, Farmington,
New Mexico

DR-USGS



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. SL-067703

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	X
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 12, 1957

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8

NW 1/4
(1/4 Sec. and Sec. No.)

36S
(Twp.)

22E
(Range)

SLEB
(Meridian)

Wildcat
(Field)

San Juan County
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~drill~~ ^{ground} floor above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 13 3/4" hole to 1980'. Set 37 joints 10 3/4" Range 2 40.5# csg @ 1124' with 600 sacks regular. Cement would not circulate. Ran Haliburton line and found cement @ 164'. Cemented top w/30 sacks of regular. WOC 21 hrs. Prep to drill out from under surface.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By Charles V. Lee, Jr.

Title Geologist

ccs: Reynolds, 3 States, Sinkbeil.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SL-067703
Lease No. _____
Unit States

H 1-7-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 12, 1957
Federal Miller
Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8
NW 1/4 30S 22E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 13 3/4" hole to 1980'. Set 37 joints 10 3/4" Range 2 40.5# csg @ 1124' with 600 sacks regular. Cement would not circulate. Ran Haliburton line and found cement @ 164'. Cemented top w/30 sacks of regular. WOC 21 hrs. Prep to drill out from under surface.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By Charles V. Lee, Jr.
Title Geologist

ccs: Reynolds, 3 States, Sinkbell.

LAND OFFICE **SL-067703**
LEASE NUMBER
UNIT

Utah San Juan Wildcat
State _____ County _____ Field _____
The following is a correct report of operations and production (including drilling and producing wells) for the month of December 51, 19____, Box 1121
Agent's address Durango, Colorado Company Continental Oil Co.
Signed Charles V. Lee
Phone CHerry 7-2580 Agent's title Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 8	30S	22E	1							Drilling @ 4181 1-1-58

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 42-R356.4
Approval expires 12-31-55.

LAND PRICE SL-067703
LEASE NUMBER
UNIT

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1957.

Agent's address Box 1121
Durango, Colorado

Company Continental Oil Co.

Phone CHerry 7-2580 Signed Charles A. Self
Agent's title Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 8	30S	22E	1							Drilling @ 4181 1-1-58

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 42-R356.4.
Approval expires 12-31-55.

LAND OFFICE -----
LEASE NUMBER **SL-067703** -----
UNIT -----

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1958

Agent's address Box 1121 Company Continental Oil Co.
Durango, Colorado Signed Charles V. Lee

Phone CHerry 7-2580 Agent's title Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 8	30S	22E	1							Coreing @ 6324 2-1-58

NOTE.—There were **No** runs or sales of oil; **No** cu. ft. of gas sold;

No. _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER **SL-067703** _____
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of January 1959,

Agent's address Box 1121
Durango, Colorado
Company Continental Oil Co.
Signed Charles V. Lee

Phone CHerry 7-2580 Agent's title Geologist

[illegible]

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE -----
LEASE NUMBER **SL-067703** -----
UNIT -----

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 58

Agent's address Box 1121 Company Continental Oil Co.
Durango, Colorado Signed Charles N. Lee

Phone CHerry 7-2580 Agent's title Geologist

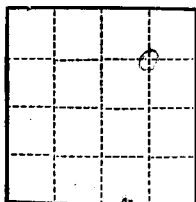
SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 8	30S	22E	1							3-1-58 Waiting on work-over rig.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No----- runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CONFIDENTIAL

Form 9-331a
(Feb. 1951)Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

NE 1/4

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 067703

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING <input checked="" type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 10, 1958

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8NE 1/4 8
(1/4 Sec. and Sec. No.)38S 22E
(Twp.) (Range)SLBM
(Meridian)Wildcat
(Field)San Juan
(County or Subdivision)Utah
(State or Territory)The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 6506' pipe made up as follows:

5 1/2" 1520' 17# Range 2 J-55 API long thread

5 1/2" 4986' 14# Range 2 J-55 API long thread

Cemented with 100 sax regular cement mixed with 100 cu. ft. perlite & 2% gel followed by 200 sax reg. cement.

Top plug 6471. Displaced cement with fresh water.

Plug down 10 P. M. 2-8-58.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.Address Box 1121DurangoColorado

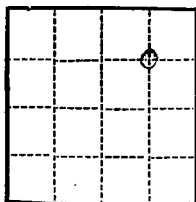
By

Charles V. Lee, Jr.Title Geologist

CONFIDENTIAL

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.



NE 1/4

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 067703

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	X
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 10, 1958

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8

NE 1/4 8
(1/4 Sec. and Sec. No.)

38S 22E
(Twp.) (Range)

SLBM
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 6506' pipe made up as follows:

5 1/2" 1520' 17# Range 2 J-55 API long thread

5 1/2" 4986' 14# Range 2 J-55 API long thread

Cemented with 100 sax regular cement mixed with 100 cu. ft. perlite & 2% gel followed by 200 sax reg. cement.

Top plug 6471. Displaced cement with fresh water.

Plug down 10 P. M. 2-8-58.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121

Durango

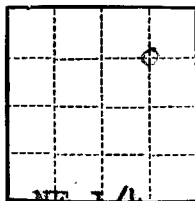
Colorado

By Charles V. Lee, Jr.
Title Geologist

CONFIDENTIAL

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Salt Lake City



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. 067703
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 10, 1958

Federal Miller

Well No. 1 is located 660 ft. from $\begin{matrix} N \\ S \end{matrix}$ line and 660 ft. from $\begin{matrix} E \\ W \end{matrix}$ line of sec. 8
NE 1/4 8 38S 22E SLBM

Wildcat (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 6506' pipe made up as follows:

5 1/2" 1520' 17# Range 2 J-55 API long thread

5 1/2" 4986' 14# Range 2 J-55 API long thread

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Top plug 6471. Displaced cement with fresh water.

Plug down 10 P. M. 2-8-58.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By *Charles V. Lee, Jr.*
Title Geologist

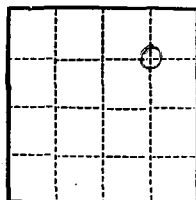
CONFIDENTIAL

Salt Lake City

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. 067703
Unit _____



NE 1/4

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 13, 1958

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8
NE 1/4 8 38S 22E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is the intention of Continental Oil Co. to perform the following operations:

Perforate 6293-6326 w/4 jets/ft.

Wash perfs w/750 MA.

Acidize w/ 2,000 gal. acid.

Swab perforation to test production potential, such test swabbing to continue until conclusive results indicating production or failure is achieved.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121

Durango

Colorado

By Charles V. Lee

Title Geologist

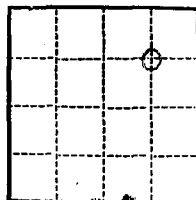
CONFIDENTIAL

Budget Bureau No. 42-R368.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 067703
Unit _____



NE 1/4

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 13, 1958

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8
NE 1/4 8 38S 22E SLBM

Wildcat

San Juan

(Meridian)

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is the intention of Continental Oil Co. to perform the following operations:

Perforate 6293-6326 w/4 jets/ft.

Wash perfs w/750 MA.

Acidize w/ 2,000 gal. acid.

Swab perforation to test production potential, such test swabbing to continue until conclusive results indicating production or failure is achieved.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Continental Oil Co.

Company

Box 1121

Address

Durango

Colorado

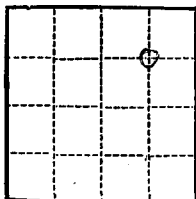
By

Charles V. Lee

Title

Geologist

CONFIDENTIAL



NE 1/4

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 067703

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	X	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Federal Miller

Feb. 13, 1953

Well No. 1 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 8

NE 1/4 8
(1/4 Sec. and Sec. No.)

38S
(Twp.)

22E
(Range)

SLBM
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

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Wash perms w/750 MA.

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Swab perforation to test production potential, such test swabbing to continue until conclusive results indicating production or failure is achieved.

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Company Continental Oil Co.

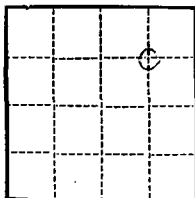
Address Box 1121

Durango, Colorado

By Charles V. Lee, Jr.

Title Geologist

CONFIDENTIAL



NE 1/4

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 067703
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
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NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 12, 1958

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8

NE 1/4 8 38E 22E S1E1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 3-6-58. Perf. 6294-6324 w/4 jets/ft. Acidized w/750 gal. WCA Max 5000#, Min 3500#. IR 2.5 bbls/min. 2000 gal req.
- 3-7-58. Swabbed hole dry.
- 3-8-58. Acidized w/2000 gal. 15% sand 8000 gal retarded. Max 5000#, Min 3600#. IR 2 1/2 to 7 1/2 bbl/min. 2600# after 14 hrs.
- 3-9-58. Flowed 10 bbls, swabbed 120 bbls. Apparently new oil.
- 3-10-58. Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 bbls new oil.
- 3-11-58. Tubing press. after 14 hrs 70#. Swabbed 4 bbls new oil & swabbed dry.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

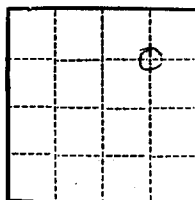
Company Continental Oil Co.

Address Box 1121

Durango, Colorado

By Charles V. Lee

Title Geologist



NE 1/4

(SUBMIT IN TRIPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Land Office Salt Lake

Lease No. 067703

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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March 12, 1958

Well No. 1 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 8

NE 1/4 8
(1/4 Sec. and Sec. No.)

38S
(Twp.)

22E
(Range)

SLBM
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

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- 3-6-58. Perf. 6294-6324 w/4 jets/ft. Acidized w/750 gal. MCA Max 5000#, Min 3500#. IR 2.5 bbls./min. 2000 gal reg.
- 3-7-58. Swabbed hole dry.
- 3-8-58. Acidized w/2000 gal. 15% and 8000 gal. retarded. Max. 5000#, Min 3600#. IR 2 1/2 to 7 1/2 bbl./min. 2600# after 14 hrs.
- 3-9-58. Flowed 10 bbls, swabbed 120 bbls. Apparently new oil.
- 3-10-58. Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 bbls new oil.
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Company Continental Oil Co.

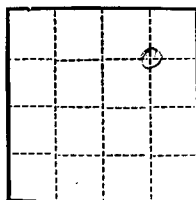
Address Box 1121

Durango, Colorado

By Charles V. Lee

Title Geologist

CONFIDENTIAL



NE 1/4

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 067703
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 12, 1958

Federal Miller
Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8
NE 1/4 8 38S 22E SLPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 3-6-58. Perforated 6294-6324 w/4 jets/ft. Acidized w/750 gal. HCl. Max 5000#, Min 3500#. IR 2.5 bbls/min. 2000 gal reg.
- 3-7-58. Swabbed hole dry.
- 3-8-58. Acidized w/2500 gal. 15% acid 8000 gal retarded. Max 5000#, Min 3000#. IR 2 1/2 to 7 1/2 bbl/min. 2600# after 14 hrs.
- 3-9-58. Flowed 10 bbls, swabbed 120 bbls. Apparently new oil.
- 3-10-58. Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 bbls new oil.
- 3-11-58. Tabling press. after 14 hrs 70%. Swabbed 4 bbls new oil & swabbed dry.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

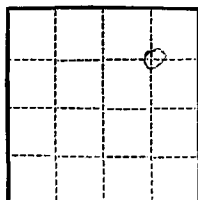
Company Continental Oil Co.

Address Box 1121

Durango, Colorado

By Charles V. Lee

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. 067703

Unit _____

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NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL <u>temporarily</u> <input checked="" type="checkbox"/>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 1958

Federal Miller

Well No. 1 is located 660 ft. from {N} line and 660 ft. from {E} line of sec. 8

NE 1/4 8

(1/4 Sec. and Sec. No.)

38S

(Twp.)

22E

(Range)

SLBM

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well, failing to react favorably to stimulation and treatment as outlined on the previously submitted report of shooting and acidizing, will be temporarily abandoned, tubing pulled and the well capped temporarily. The 5 1/2" production casing will not be pulled, pending a later decision to permanently plug and abandon the well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

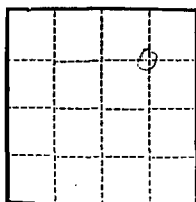
Company Continental Oil Co.

Address Box 1121

Durango, Colorado

By Charles V. Lee

Title Geologist



(SUBMIT IN TRIPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Land Office Salt Lake
Lease No. 067703
Unit _____

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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 19 58

Federal Miller

Well No. 1 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 8

NE 1/4 8 38S 22E SLBY

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

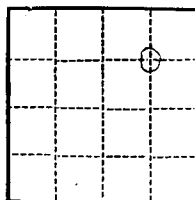
The subject well, failing to react favorably to stimulation and treatment as outlined on the previously submitted report of shooting and acidizing, will be temporarily abandoned, tubing pulled and the well capped temporarily. The 5 1/2" production casing will not be pulled, pending a later decision to permanently plug and abandon the well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1182
Durango, Colorado

By Charles V. Lee
Title Geologist



(SUBMIT IN TRIPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Land Office **Salt Lake**
Lease No. **067703**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL temporarily	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 1958

Federal Miller

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 3

NE 1/4 3 35S 22E SLSM

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well, failing to react favorably to stimulation and treatment as outlined on the previously submitted report of shooting and acidizing, will be temporarily abandoned, tubing pulled and the well cased temporarily. The 5 1/2" production casing will not be pulled, pending a later decision to permanently plug and abandon the well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Co.

Address Box 1121
Durango, Colorado

By Charles V. Lee
Title Geologist

4303 71053 Box 170
 CENTRAL OIL COMPANY FEDERAL HIGHWAY #1
 600 PBL, 660 PBL, 38', T385, R222, San Juan County, Utah.
 Elevation, 5498' DRL. TD 5513'

CORE #1, 5830-5848, Recovered 17'.

5830-38 Sh, dk gry, hd, silty, very calc, anhyd.

5838-40 Sh, blk, pokerchip shale.

5840-45 Ls, gry, dense, very hard.

5845-47 Ls, gry, dense, very hard w/scattered fractures & gray chert nodules.

CORE #2, 5848-59. Cut 11', Recovered 9'.

5848-57 Ls, gry, dense, very hard, a few hairline horizontal fracs throughout. A few scattered ol chert inclusions.

CORE #3, 6171-6217. Cut 46', Recovered 44'.

6171-95 Ls, gry, mostly dense, some fnly xln, a few stylolites & foss throughout.

6195-6209 Ls, dk gry, dense to fnly xln, some shaly scattered foss.

6209-15 Ls, gry to dk gry, dense to xln foss numerous blk to dk brn chert inclusions.

CORE #4, 6256-74. Cut 28', Recovered 27.5'.

6256-77 Ls, dk gry, v hard, dense to f xln, numerous large black ch inclu throughout.

6277-79 Ls, dk gry to blk, shaly, v fossil.

6279-83.5 Ls, gry & xln.

CORE #5, 6284-6310. Cut 32', Recovered 32'.

6284-91.5 Ls, gry, f xln, v hard.

6291.5-6300.5 Ls, gry, f xln, md hd, sl brecc appear, small calcite inclusions, slight odor, no stain fluor.

6296.5-6300.5 Ls, gry, xln, sl g & green oil; wood odor stain & fluor, large calcite inclu & fillings, brecc appear, sl fossil (brachs).

6300.5-10 Ls, gry, f xln, v fossil, md hd, no shows.

6310-16 Ls, gry, f xln, v hard.

CORE #6, 6310-6367. Cut 51', Recovered 23'.

6310-22 Ls, gry, hd, f xln, sl odor on fresh break, no stain or fluor.

6322-39 Sh, blk, hd, calcar, some pokerchip.

6339-67 Lost, presumably black shale.

CORE #7, 6372-6423. Cut 51', Recovered 51'.

6372-78 Ls, gry, dense to fnly xln, anhydritic.

6378-82 Dolo, brn, fair odor, spotty fluor throughout, good fluor along sh partings, slight bleeding oil & gas along shale partings.

6382-83 Dolo, gry to blk, shaly, anhydritic.

6383-95 Anhydrite, gry, xln.

6395-6405 Dolo, brn, dense to fnly xln, fair odor, spotty fluor, some shaly stringers.

6405-07 Ls, anhy, gry, dense, w/incl of anhy, slight odor.

6407-13 Ls, gry, dense, anhydritic.

6413-23 Anhy, dense, gry.

MICROFICHE

POOR COPY

POOR COPY

CONTINENTAL OIL COMPANY FEDERAL MILLER #1
660 FNL, 660 FEL, S8, T38S, R22E, San Juan County, Utah.
Elevation, 5498 DF. TD 6510.

CORE #8. 6423-74. Cut 51', Recovered 51'.
6423-36.5 Ls, gry, silty, fnly xln, slightly foss (brachs).
6436.5-42.5 Ls, gry, silty, fnly xln, spotty odor & few hairline
fracs slightly bleeding gas & oil.
6442.5-72 Sh, blk, slightly calc, ringtail.
6472-74 Ls, gry, fnly xln, very slight odor, no stain or fluor.

CORE #9. 6478-6510.
6478-87 Ls, blk, shaly, anhydritic.
6487-90 Dolo, brn, fnly xln, fair odor & stain, spotty fluor.
6490-91.5 Anhydrite, gry, xln.
6491.5-98 Dolo, brn-gry, dense, shaly, anhydritic.
6498-6508.5 Anhydrite, xln, gry.
6508.5-6510 Salt (1" recovered).

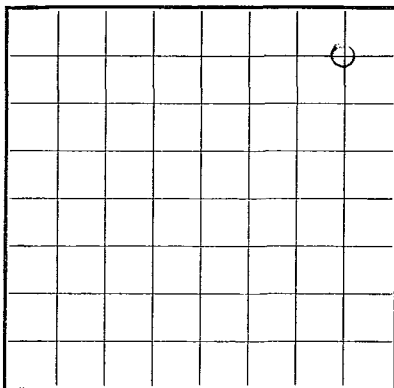
Log Tops: Chinle, 2250; Shinarump, 2995; Cutler, 3248; Hermosa, 5239;
Paradox, 6095; Paradox Salt, 6508.

The following DST's were run: 1-31-58. DST #1, 6285-6316. 0 2 hrs,
SI 1 hr. GTS in 1 hr and 6 mins. TSTM. Recovered 520' of fluid
broken down as follows: 160 HOGCM; 360' free oil; IHP 3325; ISIP
2690; IEP 0 (tool plugged); FIP 1355; FSIP 1860; FHP 3320; BHT 126°.
2-6-58. DST #2. 6315-6423. ISI 30 mins. 0 2 hrs. VWBAI, died
after 20 mins. Recovered 60' drilling mud with no show of oil or
gas. IF 70#; FF 80#; ISIP 90#. FSIP 100# after 2 hrs. IHP 3365;
FHP 3365.

Completion Prog: 3-6-58. Perf. 6294-6324 w/4 jets/ft. Acidized w/750
gal. MCA. Max. pressure 5000#. Min. pressure 3500#. IR 2.5 bbls/min.
Acidized w/2,000 gal. reg. acid. 3-7-58. Swabbed hole dry. 3-8-58.
Acidized w/10,000 gals. made up as follows: 1000 gals. reg. 15%.
8000 gals. retarded acid. 1000 gals reg. 15%. Max. Press. 5000#,
Min. Press. 3600#. IR 2 1/2 to 7 1/2 bbls/min. Press. dropped to
2600# after 20 mins. 2600# after shut in 14 hrs. 3-9-58. Opened
well at 6:00 A. M. Flewed 10 bbls. Swabbed 8:00 A. M. to 6:00 P. M.
Recovered 120 bbls. No acid water returns. Swabbed fluid was appar-
ently all new formation oil. 3-10-58. Swabbed 6:00 A. M. to 11:00
A. M. Recovered 26 bbls/new oil. 3-11-58. Tubing pressure after
14 hrs., shut in 70%. Swabbed 4 bbls. new oil, 5 hrs.

Casing Program: 10 3/4" set at 11241 with 630 sax. 5 1/2" set at
6506 with 300 sax. Well temporarily shut down.

FOUR COPY

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER 067703
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Co. Address Box 1121, Durango, Colorado
 Lessor or Tract _____ Field Wildcat State Utah
 Well No. 1 Sec. 8 T. 38SR. 22E Meridian SLBM County San Juan
 Location 660 ft. N. of N. Line and 660 ft. W. of E. Line of Sec. 8 Elevation 6498 ft.
 (Derrick floor relative to base of well)

The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.

Signed _____

Date April 30, 1958Title Division Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling 11-27, 1957 Finished drilling 2-6, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6296.5 to 6306.5 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	40.5#			1124	Haliburton				Surf. Csg.
5 1/2	17#	API Long	J-55	1520			6294	6324	Prod. Csg.
5 1/2	14#	API Long	J-55	4986					Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	1124'	630 sax	Haliburton		
5 1/2	6506'	300 sax	Haliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
------	------------	----------------	----------	------	------------	-------------------

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	1124'	630 sax	Haliburton		
5 1/2	6506'	300 sax	Haliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1/2"	B-J Jets	Jet	4/ft.	3-6-58	6294-6324	6471
1 3/4	Wolox	Bullet (Bear Gun)	2	3-8-58	6300-6304	6471

TOOLS USED

Rotary tools were used from surface _____ feet to 6510 _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. W. Lang _____, Driller Joe Towell _____, Driller
 E. O. King _____, Driller Ray Winkbell, Supervisor////, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2250	2995	745	Chinle
2995	3248	253	Shinarump
3248	5239	1991	Cutler
5239	6095	856	Hermosa
6095	6508	413	Paradox
6508	6510	2	Paradox salt

MAY 9 1958

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

3-6-58.

Perf. 6294-6324 w/4 jets/ft.

Acidized w/750 gal MCA. Max pressure 5000#. Min. pressure 3500#. IR 2.5 bbls/min.

Acidized w/2000 gal reg. acid.

3-7-58. Swabbed hole dry.

3-8-58.

Acidized w/10,000 gals made up as follows:

1000 gals reg. 15%.

8000 gals retarded acid.

1000 gals reg. 15%.

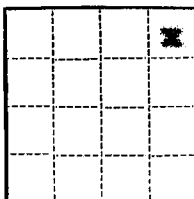
Max. press. 5000#, min. press. 3600#. IR 2 1/2 to 7 1/2 bbls/min.

Press. dropped to 2600# after 20 min. 2600# after shut in 14 hrs.

3-9-58. Opened well at 6:00 A. M. Flowed 10 bbls. Swabbed 8:00 A. M. to 6:00 P. M. Recovered 120 bbls. No acid water returns. Swabbed fluid was apparently all new formation oil.

3-10-58. Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 bbls new oil.

3-11-58. Tubing pressure after 14 hrs. shut-in 70%. Swabbed 4 bbls new oil from 6:00 A. M. to 11:00 A. M.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 067703
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 15, 1960

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 8

NE/4 Section 8 T38N R22E S10W
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is temporarily abandoned. Casing will be pulled and the well plugged with cement in the following intervals. All measurements are NE.

6270' - 75
3350' - 3525'
2550' - 2620'
1100' - 1240'
0 - 30'

A monument will be set at the surface in accordance with prescribed regulations.

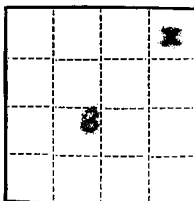
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Company

Address Box 3312
Durango, Colorado

Original Signed By:
H. D. HALEY
By _____

Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. 067703

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 22, 19 60

Federal Miller

Well No. 1 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 8

NE/4 Section 8

(1/4 Sec. and Sec. No.)

T38S

(Twp.)

R22E

(Range)

SLBM

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is temporarily abandoned. Casing will be pulled and the well plugged with cement in the following intervals. All measurements are R.S.

6150'	-	6350'	25 sacks regular
*approx.		5200'	25 sacks regular
3350'	-	3525'	70 sacks regular
1050'	-	1200'	70 sacks regular
0'	-	35'	20 sacks regular

*Plug will be set where pipe is shot off.

A monument will be set at the surface in accordance with prescribed regulations, and location cleaned.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Company

Address Box 3312

Durango, Colorado

ORIGINAL SIGNED

H. D. HALEY

By

BY [Signature]

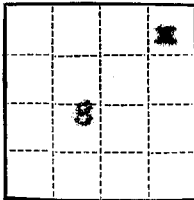
Title District Superintendent

Utah Oil & Gas Co. Inc. Comm.
Salt Lake City

It was necessary that
the attached Sunday
Notice be re-submitted
to the U.S. G.S. office
in Durango, Colorado.

This Intention to Abandon
our Federal Miller No. 1 well
supersedes our report
of September 22, 1960.

Wm. A. Butterfield



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Salt LakeLease No. 067703-A

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 4, 1960

Federal Miller

Well No. 1 is located 660 ft. from N line and 560 ft. from E line of sec. 8NE/4 Section 8 T38S R22E 51AM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 5498 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is temporarily abandoned. Casing will be pulled and the well plugged with cement in the following intervals. All measurements are R.B.:

6150'	-	6350'	25 sacks regular
*approx.	-	3000'	60 sacks regular
2150'	-	2350'	60 sacks regular
1050'	-	1200'	70 sacks regular
0'	-	35'	20 sacks regular

*Plug will be set where pipe is shot off.

A monument will be set at the surface in accordance with prescribed regulations, and location cleaned.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil CompanyAddress Box 3312Durango, ColoradoORIGINAL SIGNED
H. D. HALEYBy W. A. ButterfieldTitle District Superintendent

			X
		8	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **067703-A**
Unit _____

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 19, 1960

Federal Miller
Well No. **1** is located **660** ft. from **[N]** line and **660** ft. from **[E]** line of sec. **8**

NE/4 Section 8 **T38S.** **R22E** **SLBM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5498** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plugged and abandoned as follows:

- 25 - sacks regular cement from 6150' to 6350'
- 60 - sacks regular cement at 3000'
- 60 - sacks regular cement from 2150' to 2350'
- 70 - sacks regular cement from 1050' to 1200'
- 20 - sacks regular cement from 0 to 35', surface plug.

Cut and recovered 2998' of 5 1/2" 14# casing. The location has been cleaned and dry hole marker erected.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Continental Oil Company**

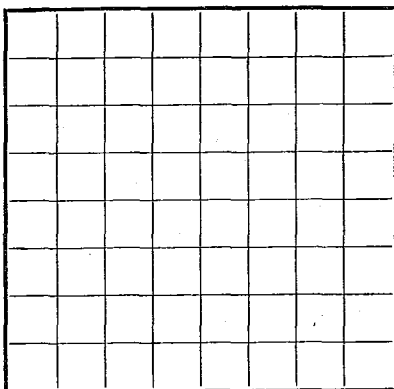
Address **Box 3312**

Durango, Colorado

Signed By:
H. D. HALEY

By _____

Title **District Superintendent**

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER 067703
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Co. Address Box 1121, Durango, Colorado
Lessor or Tract _____ Field Wildcat State Utah
Well No. 1 Sec. 8 T. 38S R. 22E Meridian SLBM County San Juan
Location 660 ft. N. of N. Line and 660 ft. E. of E. Line of Sec. 8 Elevation 5498 DF
(Derrick floor relative to sea level)
The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Signed Charles V. Lee
Date 12-2-60 Title Asst. Div. Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling 11-27, 1957 Finished drilling 2-6, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6296.5 to 6306.5 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From--	To--	
10 3/4	40.5#			1124	Haliburton				Surf. Csg.
5 1/2	17#	API Long	J-55	1520			6294	6324	Prod. Csg.
5 1/2	14#	API Long	J-55	4986					Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	1124	630 sax	Haliburton		
5 1/2	6506	300 sax	Haliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1 1/2"	BLJ Jets	Jet	4/ft	3-6-58	6294-6324	6471

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	1124	630 sax	Haliburton		
5 1/2	6506	300 sax	Haliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1/2"	B-J Jets	Jet	4/ft	3-6-58	6294-6324	6471
1 3/4	Welex	Bullet (Bear	2	3-8-58	6300-6304	6471
	Bullet	Gun)				

TOOLS USED

Rotary tools were used from Surface feet to 6510 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ ~~Put to producing~~ *Put* *10-17-*____, 19*62*

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. W. Lang _____, Driller Joe Yowell _____, Driller

E. O. King _____, Driller Ray Sinkbeil _____, ~~Driller~~ *Supervisor*

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2250	2995	745	Chinle
2995	3248	253	Shinarump
3248	5239	1991	Cutler
5239	6095	856	Hermosa
6095	6508	413	Paradox
6508	6510	2	Paradox Salt

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

3-6-58.

Perf. 6294-6324 w/4 jets/ft.

Acidized w/750 gal. MCA. Max pressure 5000#. Min pressure 3500#. IR 2.5 bbls/min.

Acidized w/2000 gal. reg. acid.

3-7-58. Swabbed hole dry.

3-8-58.

Acidized w/10,000 gals made up as follows:

1000 gals. reg. 15%

8000 gals. retarded acid

1000 gals. regular 15%

Max. press. 5000#, min. press. 3600#. IR 2 1/2 to 7 1/2 bbls/min.

Press. dropped to 2600# after 20 min. 2600# after shut in 14 hrs.

3-9-58. X Opened well at 6:00 A. M. Flowed 10 bbls. Swabbed 8:00 A. M. to 6:00 P. M. Recovered 120 bbls. No acid water returns. Swabbed fluid was apparently all new formation oil.

3-10-58. X Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 bbls new oil.

3-11-58. Tubing pressure after 14 hrs. shut in 70#. Swabbed 4 bbls. new oil.

11-19-60. P & A as follows:

25 sacks regular cement from 6150' to 6350'

60 sacks regular cement at 3000'

60 sacks regular cement from 2150' to 2350'

70 sacks regular cement from 1050' to 1200'

20 sacks regular cement from 0 to 35', surface plug.

Out and recovered 2998' of 5 1/2" 14# casing. The location has been cleaned and dry hole marker erected.